

# Tennessee High School

2024-2025 Freshman Course Catalog and Information Guide



**2024-2025**  
**Freshman Course Catalog**

Welcome to Tennessee High School! Our mission at THS is “Preparing THS Students for Post-Secondary Success.” You will be engaged in rigorous, relevant educational experiences designed to prepare you for your post-high school goals. It is our intention to prepare every student with their post-high school individual needs.

Please review the course offerings in this catalog and be prepared to discuss your choices at your registration appointment with a THS counselor. Your choices, along with your standardized test scores and teacher recommendations, will be used to schedule you in appropriate courses for your first year at THS. If you have any questions during this process, please contact a THS counselor.  
We look forward to seeing you soon!

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# Tennessee High School Summary Sheet

## COURSE REQUIREMENTS AT THS

There are 28 credits required for graduation.

## CLUBS

A summary of clubs and membership requirements is included in the THS Student Handbook.

## COMMUNITY SERVICE HOURS

Service is defined through the voluntary contributions made by a student to the school or a community agency, done without compensation or course credit, and with a positive, courteous, and enthusiastic spirit. Students who complete 10 community service hours each semester will be recognized at graduation.

## GPA AND CLASS RANK

Student grade point averages and class rank are calculated at the end of each semester.

LETTER	NUMERICAL GRADE	GRADE POINT VALUE
A	90 – 100	4 points
B	80 – 89	3 points
C	70 – 79	2 points
D	60 – 69	1 point
F	59 and below	0 points

The overall grade point average is computed by totaling all the grade points and dividing the total by the number of courses taken.

Example: A student makes a 95A, 85B, 89B and an 74C. Add the numerical values of 4+3+3+2= 12; then divide 12 by 4 (the number of classes) to calculate a GPA of 3.0.

## REGISTRATION

Students will complete registration in the spring semester with their counselor.

## SCHOLARSHIPS

Scholarship information is announced on the counseling office webpage at <http://ths.btcs.org/counseling>.

## STUDENT ATHLETES

If students aspire to participate in collegiate athletics, they should be mindful of the NCAA course requirements. Students also need to satisfy the GPA and test score requirements on the NCAA sliding scale. Please remember that the NCAA only considers grades in core classes for eligibility purposes. Please visit <http://www.ncaa.org/wps/wcm/connect/public/NCAA/Eligibility/index.html> for more information.

## **TESTING TERMS**

Test requirements vary among colleges as does the weight the test scores carry in the admissions decision. Below are definitions of the most widely used tests:

**ACT:** The ACT combines certain aspects of both the SAT I and SAT II into one test. It is a multiple-choice test and the scores range from 0 to 36. There are four parts to the test: English, Social Sciences, Natural Sciences and Mathematics. The Writing Test is optional.

**ACT WorkKeys:** These assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance.

**ASVAB:** This test is used for career exploration. High may indicate career paths that would be a good fit. This test can also be used for entrance into the military.

**PSAT/NMSQT:** The Preliminary Scholastic Aptitude Test and the National Merit Scholarship Qualifying Test provide a practice SAT test for college bound students in the fall of their junior year.

**SAT :** The Scholastic Aptitude Test is one of the factors used as college admissions criteria. It is a multiple-choice test that is designed to test the student's aptitude for scholastic work (not intelligence). The SAT is usually taken in the spring of the junior year and again in the fall of the senior year. Scores are broken down into critical reading, mathematical and writing categories and range from 200 to 800 per section. Total scores range from 400-1600, where 1600 would be a perfect score. Colleges differ on the average SAT score which they expect of applicants.

**AP:** Advanced Placement Tests are usually taken after a student has completed an Advanced Placement course in a specific academic area. These tests normally cost \$96.00. Students can earn college credit and/or advanced standing in college based on their scores that range from 1 to 5.

**CLEP:** College-Level Examination Program courses are taught on a college level and are designed to prepare students to take the CLEP test which, with qualifying scores, may permit them to receive college credit from many post- secondary institutions.

**DUAL CREDIT/ ARTICULATION:** Northeast State Community College, in partnership with Tennessee High, enables high school students to take selected high school courses which may later articulate to Northeast State. Articulation means that the student, upon demonstrating subject matter competency at the college level, can receive credit for college-level courses upon enrollment at Northeast State. This partnership enables the student/the college/and the State of Tennessee to save time and money while at the same time results in the student getting an early start to college, graduating earlier, and entering the workforce sooner.

CTE students must pass the articulation assessments with a minimum grade of a "C". Health-Related Professions students must pass with a minimum grade of a "B". The college credit will then be transcribed to the student's transcript upon enrollment and continued student status beyond the two-week enrollment period. See CTE course listings for more information.

Students may bring up to *eight hours* of college level credit with them upon enrollment at Northeast State within two years of graduation from high school.

**Tennessee High School Code:** (for SAT I, SAT II and ACT tests): **430180**

## **TENNESSEE HOPE SCHOLARSHIP**

**(Lottery Scholarship)**

Award Amount: \$1750 per semester for a four-year college/university or \$1500 per semester for a two-year college.

Students must meet the following requirements:

- Entering freshmen must have a minimum of a 21 ACT (980 SAT), exclusive of the essay and optional subject area battery tests OR
- Overall weighted minimum 3.0 grade point average (GPA)

#### **(General Assembly Merit Scholarship)**

Award Amount: \$1,000 in addition to Hope Scholarship funds

Students must meet the following requirements:

- Students graduating from a Tennessee public school must have a minimum 3.75 weighted GPA AND 29 ACT (1280 SAT), exclusive of the essay and optional subject area battery tests.

#### **(Wilder-Naifeh Technical Skills Grant)**

Award amount – \$667 per trimester

Wilder-Naifeh Technical Skills Grant Recipients Must:

- Enroll in a certificate or diploma program at a Tennessee Center for Applied Technology
- Cannot be prior recipient of Tennessee HOPE Scholarship or Wilder-Naifeh Technical Skills Grant.
- Available to all students enrolled at a Tennessee Technology Center who are TN residents 1 year prior to the term school begins

### **TENNESSEE PROMISE**

Tennessee Promise offers two years of tuition-free community or technical college to Tennessee high school graduates. A critical component is the individual guidance each participant will receive from a mentor who will assist the student as he or she navigates the college admissions process. In addition, Tennessee Promise participants must complete eight hours of community service per term enrolled, as well as maintain satisfactory academic progress (2.0 GPA) at their institution.

Award Amount – Amount varies based on the amount of remaining tuition and mandatory fees after all other aid has first been applied.

### **TN SCHOLARS**

This is a program designed to recognize students for academic excellence, good attendance and community involvement. Please visit <http://www.tnscholars.org/> for more information.

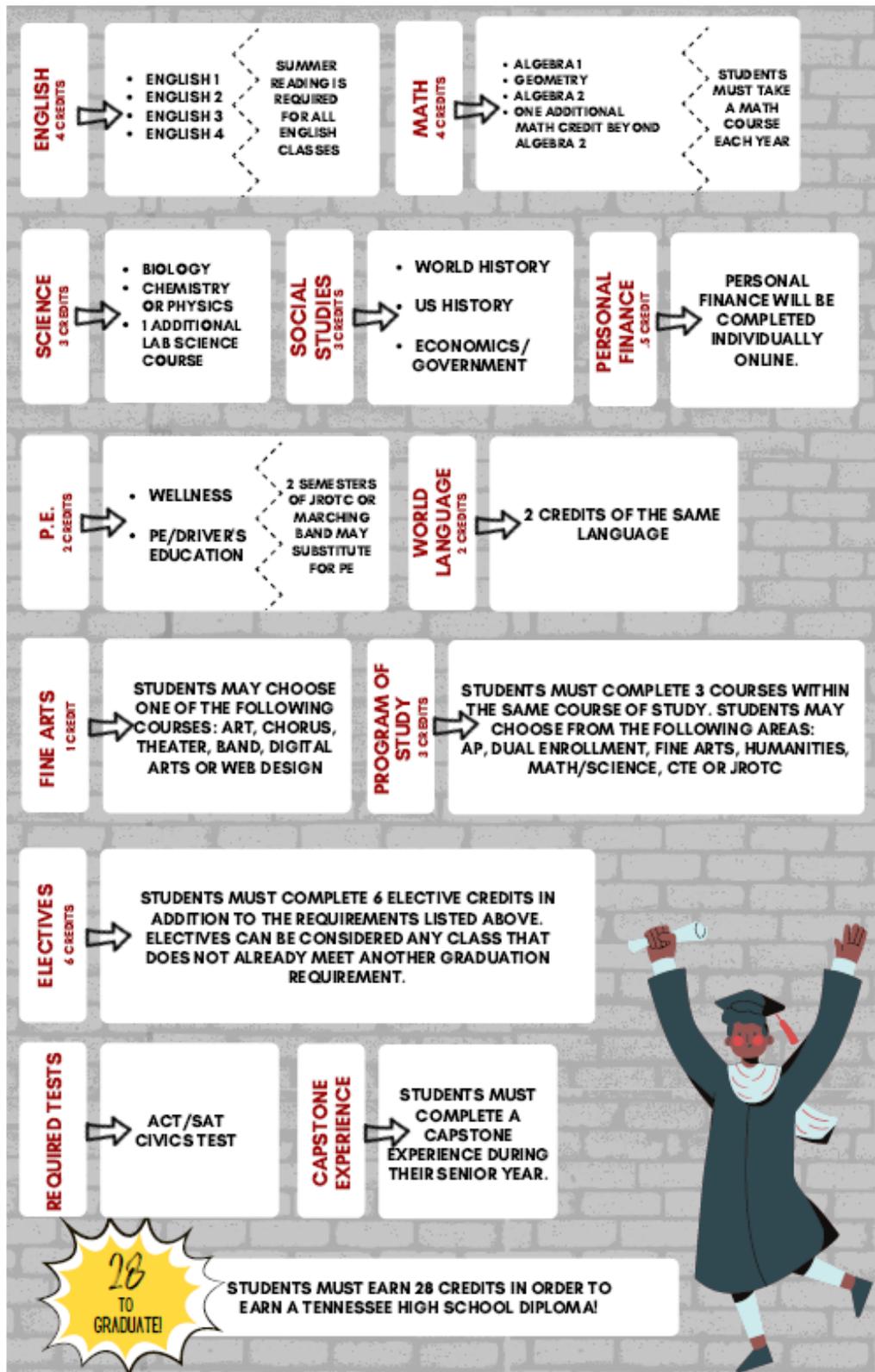
### **TUTORING**

Tutoring is available after school with individual teachers. Students may also attend the Afterschool program for tutoring and activities; this program is available Monday-Thursday from 2:30-5:30 PM.

### **SUMMER READING**

Summer Reading will be required of all English classes. Summer reading information will be available on the Tennessee High School website.

# GRADUATION REQUIREMENTS



## Comparison of Graduation Honors

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<b><u>Tennessee High School Graduates of Highest Distinction</u></b>	<b><u>Graduating with Honors</u></b>	<b><u>Tennessee Scholars</u></b>
4 or more completed AP credits	Score at or above all subject area readiness benchmarks on ACT	All Tennessee minimum graduation requirements plus the following:
95 or above cumulative average (taken from final term grades)	Benchmarks are:	80 hours of Community Service
29 or above ACT composite or	Mathematics – 22	"C" minimum in each TN/VA Scholars Course (Courses may be retaken to meet this requirement.)
1280 or above SAT composite	English - 18	95% attendance over the course of 4 years (No more than 36 total days)
3 or higher on at least 2 AP exams (beginning with the Class of 2025)	Reading - 22	No Out-of-School Suspensions
	Science - 23	



# INDUSTRY 4.0 DIPLOMA DISTINCTION

Bristol Tennessee City Schools is committed to helping each student identify their interests and prepare them for future success. The Industry 4.0 Diploma Distinction is one that allows interested students the opportunity to pursue a career in a high-need, high-skill industry while in high school.

## 9th Grade

- Tennessee High School will notify all ninth grade students of the opportunity to pursue an Industry 4.0 Diploma Distinction no later than ten days after the first day of each semester of the school year.

*To earn the Industry 4.0 Diploma Distinction, **students must complete the following requirements at each grade level ...***

## 10th Grade

- Provide their counselor or school principal with documentation signed by the student's parent/legal guardian indicating they are aware of the requirements for the student to obtain the diploma distinction and consenting to the student's participation.

## 11th Grade

- Be enrolled in at least one work-based learning (WBL) or dual enrollment course and enroll in WBL or dual enrollment courses for their senior year.
- Meet no less than once per month during the school year with a counselor or career coach.

## 12th Grade

- Meet no less than once per month during the school year with a counselor or career coach.
- Successfully complete all coursework required for graduation for their diploma type, including at least nine credits of dual enrollment or WBL.\*

*\*Students will have the option to substitute a WBL or dual enrollment credit, as approved by the State Board of Education, for one math credit and one science credit. These substitutions may only fulfill the student's third credit of science or fourth credit of math.*

## Ready Graduate Information

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### **What is a Ready Grad?**

At THS, we strive to make sure each student is ready for college, career and life after they graduate. This is measured each year on the types of courses we offer, tests students take and opportunities provided by THS to prepare students for whatever their paths are after they graduate. The TN Department of Education's Ready Graduate Indicator is a statewide accountability measure that shows the percentage of students who are on-track for career and/or college success. A student can earn the distinction of Ready Grad by earning different Early Postsecondary Opportunities (EPSOs) throughout their high school journey. Having this distinction signifies that a student is ready to enter the workforce or to enter college upon completion of high school graduation requirements.

### **How do I become a Ready Grad?**

In order for a student to be considered a Ready Graduate from THS, they must complete at least one of the following criteria:

- Earning an ACT Composite score of 21+ OR a SAT score of 1060+
- Earn 4 EPSOs (defined below)
- Earn 2 EPSOs +an Industry Certification
- Earn 2 EPSOs + earn ASVAB AFQT score of 31+

### **What is an EPSO?**

Early postsecondary opportunities (EPSOs) include a course and/or exam that give students a chance to obtain postsecondary credit while still in high school. Courses (whether stand-alone or in conjunction with an exam for postsecondary credit) must be aligned to postsecondary standards.

### **How do EPSOs benefit students?**

EPSOs provide students the opportunity to take full advantage of the rigors of college and the workforce. Research has shown that students who participate in early postsecondary opportunities are more likely to enroll and persist in postsecondary environments and gain skills that employers are looking for in future employees.

### **What are the different types of EPSO's THS offers?**

Advanced Placement (AP) classes - An AP class is considered an advanced, or accelerated course where students can earn college credit by taking and earning a certain score on the associated AP exam. AP classes coincide with specific graduation requirements.

College Level Examination (CLEP) - A CLEP test can be taken in different classes offered at THS. The CLEP test reflects a rigorous experience in class that allows a student to show mastery of the given subject. Passing this test can help you earn college credit.

Dual Enrollment - Dual enrollment classes are classes that students can take to earn both high school AND college credit. Dual enrollment classes might transfer in at each college differently. By taking dual enrollment classes in high school, a student can reduce the number of classes that are taken at the college level.

Local Dual Credit (LDC) - A high school course that is aligned to local post secondary institution's course and exam. Students who pass the exam earn credits that might be accepted and/or recognized by a local postsecondary institution.

Statewide Dual Credit (SDC) - A SDC class is a college-level course taught at the high school level by trained high school teachers.

## ATHLETIC PROGRAMS

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The Tennessee High School Athletic Program is governed by the Bristol Tennessee Board of Education and the Tennessee Secondary Schools Athletic Association for the purpose of development of character, integrity, sportsmanship, and teamwork. Tennessee High School offers the following varsity sports:

### **Fall Season**

Football  
Boys' Cross-Country  
Girls' Cross-Country  
Boys' Golf  
Girls' Golf  
Cheerleading  
Girls' Soccer  
Girls' Volleyball  
Dance

### **Winter Season**

Boys' Basketball  
Girls' Basketball  
Boys' Swimming and Diving  
Girls' Swimming and Diving  
Cheerleading  
Boys' Wrestling  
Girls' Wrestling  
Dance

### **Spring Season**

Boys' Track  
Girls' Track  
Boys' Tennis  
Girls' Tennis  
Baseball  
Girls' Softball  
Boys' Soccer

### *Athletic Insurance*

The Athletic Department purchases a secondary athletic insurance policy for athletes and cheerleaders. This secondary coverage pays on the claim after the parents have filed their health insurance. The secondary coverage may not necessarily pay the complete balance due.

Parents of injured athletes should contact the THS Athletic Office (652-9361) to obtain insurance claim forms.

### *Rules of Eligibility*

Rules of Eligibility are set up by TSSAA and the Bristol Tennessee Board of Education. A summary of TSSAA Rules of Eligibility is provided for your information. Read these rules carefully and be sure that you understand them. **ALL ATHLETES ARE RESPONSIBLE FOR KNOWING THE TSSAA RULES.** The TSSAA web site may be accessed at: <http://www.tssaa.org>.

- A student must earn five credits the preceding school year if fewer than 24 units are required for graduation or six credits the preceding school year if 24 or more credits are required for graduation. All credits must be earned by the first day of the beginning of the school year.
- A student must be enrolled before the 20<sup>th</sup> school day of the semester, in regular attendance, and carrying at least five full courses during the present semester. A block schedule (such as THS) requires the student to be enrolled in 3 credit-bearing classes during the present term.
- A student is permitted eight semesters of eligibility beginning with the ninth grade. A student shall be ineligible in high school if he or she becomes 19 years of age on or before August 1 or in junior high if he or she becomes 16 years of age on or before August 1.
- Athletes must live at home with their parents or have lived for a minimum of one year with their legal guardians.
- In order for a transfer student with an athletic record to be eligible at another school, there must be a bona fide change of residence by the athlete's parents.
- All transfer students must be approved by the Executive Director of TSSAA before participating in any game.
- A student who engages in three or more days of practice – including spring practice – with a high school in which he or she is enrolled shall be ineligible in that sport for 12 months if the student enrolls in another school without a corresponding change in the residence of his or her parents.
- A student whose name is listed on the school eligibility report cannot participate in an independent game or meet until the season has closed in that specific sport. (This does not include golf, tennis, or bowling.)

A registered athlete cannot accept any money for athletic skills in any TSSAA sponsored sport.

- An athlete may accept a medal, trophy, high school letter, sweater, jacket, shirt, blazer, or blanket for athletic participation but nothing else of commercial value, and these awards must carry the school's letter or other appropriate award emblem.
- All expenses to an athletic camp where specified instruction is offered must be paid by the athlete or his parents.
- When an athlete is charged tuition to attend a school, it must be paid by the parent or bona fide guardian, or other family member.
- Any student repeating the 7<sup>th</sup> grade after having passed the 7<sup>th</sup> grade, or repeating the 8<sup>th</sup> grade, after passing the 8<sup>th</sup> grade, shall not be eligible to participate in athletics during their 9<sup>th</sup> grade year.
- A student may not participate in an all-star game unless it is sanctioned by the TSSAA and unless he/she has completed high school eligibility in that sport.
- Random Drug Testing – Any student participating in extracurricular activities, including Athletics, are required to adhere to the BTCS Random Drug Testing Policy.

#### **TSSAA has also made the following interpretations pertaining to our school:**

A student can only be eligible for participation in 9<sup>th</sup> grade athletics if he or she has ***passed*** the 8<sup>th</sup> grade. A student who is ***placed*** in the 9<sup>th</sup> grade from the 8<sup>th</sup> grade is ineligible for athletic participation during the 9<sup>th</sup> grade year. A student athlete on a block school schedule can become eligible for Term II athletic participation by passing at least three credit-bearing classes during the fall term.

## **CLUBS (SCHOOL SPONSORED)**

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A variety of clubs are available for student enrichment, and all students are encouraged to participate in one or more clubs of their choice. Students released from class to attend clubs are expected to attend, or they will be considered skipping and will be disciplined per the handbook.

\*\*New clubs are not allowed to begin during the school year. Anyone requesting to establish a new club at THS must complete and submit an application.

### **American Sign Language Club (Mr. Davis)**

A club in which students will learn and practice American Sign Language. The club is open to all students.

### **Anime Club (LEAPS) (Mrs. Silvers)**

Students will watch and discuss Anime.

### **Anchor Club (Ms. Dunkerly)**

A community service organization open to 10<sup>th</sup> – 12<sup>th</sup> grade girls. It is an extension of the Bristol Pilot Club. Anchor meets during club times; however, some after school meetings and activities are required as well.

### **Art Club (Mr. Graham)**

THS Art Club provides creative minds of all backgrounds with a positive environment to explore new ideas. Art Club is involved with many school activities to help promote Viking Pride and traditions. Art Club coordinates activities which collaborate skills between visual artist, creative writers, digital artist, and any creative souls who enjoy spending time sharing their interest with others.

### **Beta Club (Mrs. Silvers & Mrs. Sauceman)**

Beta Club is a branch of the National Beta Club. The purpose of the National Beta Club is: *“to promote the ideals of honesty, service, morality, ethical conduct, and leadership among elementary and secondary school students, to reward meritorious achievement, and to encourage and assist students in continuing their education after high school.”* Membership in this club is available for juniors and seniors who have maintained an overall academic average of at least “93” for all high school courses taken prior to membership.

### **Boys Volleyball Club (Mr. Goodman)**

Boys Volleyball is a club sport at THS that will hopefully become a TSSAA sanctioned sport in the coming years. Currently this spring sport plays a 14- game regular season schedule that begins in April.

### **Cadmus Club (Mrs. Vickers)**

Cadmus Club is open to yearbook staff members only. Staff members may be members of the club when they are not enrolled in the course.

### **Civinettes (Mrs. Kitzmiller & Mrs. Bittinger)**

These clubs are school and community service clubs open to Tennessee High boys and girls. It is an extension of the Bristol Civitan Club. Some after- school meetings and activities are required.

### **FBLA (Future Business Leaders of America – Mrs. English)**

Students must be or have been enrolled in a Career & Technical Education (CTE) class to join.

### **FFA (Future Farmers of America – Mrs. Givney)**

FFA is the organization for students in the agriculture program. In addition to monthly chapter meetings, field trips and state convention, students can compete in various Career & Leadership Events throughout the school year (i.e., Soils Judging, Forestry, Horse & Livestock Judging, Floriculture, Nursery/ Landscape, and many others). There is no cost to join but students MUST be enrolled in an Ag class for either fall or spring semester of the current year to be eligible for FFA.

### **Firecracker Squad (Mrs. Vance)**

This is an all-inclusive student group of students who encourage school spirit.

**French Club (Ms. Toby)**

French Club members perform service to the school and in the community. Members learn and share in traditions and culture of France and French people. They must be enrolled in the corresponding class or have been enrolled previously.

**HOSA (Health Occupations Students of America – Mrs. Moore)**

HOSA is a service club providing health care and health services to patients in hospitals, nursing homes, and other health care facilities. Open to students presently enrolled in health science and technology classes.

**Maroon Maniacs (Mr. Willard)**

This is a student led organization that promotes school and community pride.

**Rachel's Challenge (Mrs. Sutherland)**

This club seeks to do GOOD on the campus, provide encouragement, and push away stereotypes and bullying from THS.

**Science Bowl (Mr. Reece)**

The Science Bowl club practices for and competes in regional and state science bowl competitions.

**Skills USA (Mr. Sauls)**

Students must be or have been enrolled in a Career & Technical Education (CTE) class to join.

**Student Ambassadors (Mrs. Slagle)**

Student Ambassadors undergo an application and interview process during their junior year. Junior Ambassadors meet weekly during the Spring to prepare for their senior year student ambassador experience. As Juniors, Ambassadors will participate in leading 8<sup>th</sup> grade tours as well as receive training throughout the semester to help them be successful with their freshmen students. As seniors, Student Ambassadors lead freshman orientation during the summer and are placed in freshmen homerooms with a co-ambassador to teach them topics related to high school transitions, healthy relationships, self-care, organization skills, conflict resolution skills, kindness initiatives, study skills, managing stress, goal setting, future planning, career exploration, teamwork, and Viking Pride.

**Student Council (Mrs. Arnold)**

SCA is the student government for THS. Membership is by election. These students are the class officers from each class and the elected council officers.

**NHS (The National Honor Society - Mrs. Story & Ms. Dunkerly)**

The NHS chapter of Tennessee High School has four primary objectives:

- To create an enthusiasm for scholarship.
- To stimulate a desire to render service.
- To promote leadership.
- To develop character.

Selection of students for membership in the National Honor Society is the responsibility of the faculty council, a five-member board composed of teachers appointed by the principal.

The following selection procedures, approved by the NHS National Council, are used in selecting members for the Tennessee High School Chapter of the National Honor Society:

The candidate must be a junior or senior who has been in attendance at THS the equivalent of one term and has a cumulative scholastic average of at least 93 percent. The cumulative scholastic average for juniors will be based on their freshman and sophomore grades, and for seniors, it will be based on their freshman, sophomore, and junior grades.

Eligible students will be asked to complete a Student Activity Information Form (SAIF) on which to list and describe activities, both in school and out of school, that demonstrate service, leadership, and character. (The student must complete this form to be considered for membership; however, completion of the form does not guarantee selection.) Students will be evaluated by the faculty council on the qualities of leadership, character, and service. The faculty council (composed of five teachers appointed by the principal) will use both the SAIF and the faculty council evaluations in considering the students to be selected. Students

will be selected based on a majority vote.

Definition of volunteerism and/or community service: Voluntary contributions (in hours) made by a student to the school or community, done without compensation or course credit and with a positive, courteous, and enthusiastic spirit.

\*New members will be notified by mail of their selection.

**TSA (Technology Student Association - Mrs. DelGaudio)**

The Technology Student Association (TSA) is a club for students interested in engineering, computer science, and/or digital design. Members will complete various projects and may have an opportunity to compete at TSA competitions. Students who are enrolled in Computer Science, Digital Arts, and/or STEM classes at Tennessee High School are eligible to join.

**Viking Academy Chess Club (Mr. Strickland)**

This club shall be a non-profit organization established to foster and encourage the game of chess and provide the means and capabilities to achieve this purpose. The bylaws written below shall govern the conduct, policy, and procedures of this club. The purpose of the club shall be to provide the facilities to play chess, organize chess tournaments, supporting competition among its own members and other organizations and promote the game of chess via education, instruction, and maintaining a library.

**Viking Academy Motorcycle Club (Mr. Strickland)**

This club shall be a non-profit organization established to foster and encourage motorcycle enthusiasm and safety and provide the means and capabilities to achieve this purpose. The purpose of the club shall be to provide the facilities to discuss and view motorcycles, organize and/or attend motorcycle events, and promote the hobby of motorcycling via education, instruction, and maintenance.

**Viking Players (Mrs. Davis)**

Membership is open to all students who are interested in any aspect of Theatre/Drama as well as those interested in competing in Competition Speech and Drama (forensics).

**Viking Robotics Team (Dr. Lewis)**

Robotics is a varsity sport for the mind! The Viking Robotics Team works with professional engineers to build a robot which will perform certain tasks in a game challenge. Students learn how to program software, engineering and machine shop skills, website design, marketing, and the importance of teamwork.

**Yarn Works (Ms. Dabbs)**

Students will meet regularly to learn sewing skills, have fellowship, and make yarn-based items such as hats and scarfs to support our community.

**Non-School Sponsored**

**Fellowship of Christian Athletes (FCA)**

FCA is a faith-based club which meets weekly. Its goal is to serve THS and the community and to encourage people.

**First Priority**

First Priority is a faith-based club which meets weekly. Its goal is to serve THS and the community and to encourage people.

## Programs of Study 2024-25

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Students must complete 3 electives from a single Program of Study (POS) per graduation requirements.

### Academic

#### **Advanced Placement**

AP Art  
AP Biology  
AP Calculus  
AP Chemistry  
Ap Environmental Science  
AP Literature and Composition  
AP Human Geography  
AP Physics 1  
AP Psychology  
AP US History  
AP Language and Composition  
AP Music Theory  
AP Spanish Language and Composition  
AP Computer Science

#### **Fine Arts**

Concert Choir  
Instrumental Music  
Music Theory, AP Music Theory  
Music Appreciation  
Art 1, Art 2, Art 3, AP Art  
Percussion  
Color Guard  
Madrigals  
Theatre Arts 1, Theatre Arts 2  
Women's Ensemble  
Color Guard  
Web Design  
Digital Arts 1

#### **Math/ Science**

Pre-Calculus  
AP Calculus  
Statistics  
Chemistry/Physics  
AP Chemistry  
Environmental Science  
AP Physics 1  
AP Biology  
Anatomy and Physiology

#### **Humanities**

Creative Writing 1  
German 1, 2, 3, 4  
Public Speaking  
AP English Literature  
Spanish 1, 2, 3, 4  
Journalism (Yearbook)  
Journalism (Maroon & White)  
AP English Language  
Mythology/Etymology  
French 1, 2, 3,  
Psychology/ AP Psychology  
Contemporary Issues

## **Career and Technical Education (20 Programs of Study offered)**

### **Advanced Manufacturing**

#### **Machining Technology:**

(all classes at Friendship Career Center)

Principles of Manufacturing

Dual Enroll: Quality & Inspection; Machine Tool Operations I

Dual Enroll: Industrial Safety; Machine Tool Operations II

Northeast State Semester 3 (at Northeast State):

CNC Programming I; Machine Tool Operations III;

CNC Machine Operations I

Manufacturing Practicum (Work Based Learning)

Ind. Cert.: PMI, OSHA10, & Hand Tool ID

Dual Credit at TCAT Eliz.: PMI Ind. Cert. = 90 hrs

#### **Welding:**

Principles of Manufacturing

Welding I

Dual Enroll. TCAT Welding 1/2 (120 hours)

Dual Enroll. TCAT Welding 3/4 (120 hours)

Dual Enroll. TCAT Pipefitting (120 hours)

Manufacturing Practicum (Work Based Learning)

Ind. Cert.: AWS Cert. Welder; OSHA 10

Manufacturing; NE DC Test)

### **Agriculture, Food, & Natural Resources**

#### **Environmental and Natural Resource**

##### **Management:**

AgriScience

Small Animal Science

Large Animal Science

ASE Ag. Practicum (Work Based Learning)

Ind. Cert.: OSHA 10 Agriculture, Ducks Unlimited

Ecology Conservation & Management, ELANCO

Animal Science

#### **Architecture & Construction**

##### **Residential & Commercial Construction:**

Fundamentals of Construction (OSHA10, NCCER)

Dual Enroll. TCAT Building Construction 1/2 (120

hours) (NCCER Const. Tech, NCCER Fall Protection)

Dual Enroll. TCAT Building Construction 3/4

(Carpentry 1)

Construction Practicum (Work Based Learning)

Ind. Cert.: OSHA 10 Construction; NCCER Core;

NCCER Construction Technology; NCCER Fall

Protection Orientation; NCCER Carpentry 1

### **Arts, Audio/Visual Technology, & Communications**

#### **Digital Arts & Design:**

Digital Arts & Design 1

Digital Arts & Design 2

Digital Arts & Design 3

Digital Arts Practicum (Work Based Learning)

Ind. Cert.: Adobe Certified Associate

### **Education and Training**

#### **Teaching as a Profession (K-12)**

Introduction to Teaching as a Profession

Teaching as a Profession I

Teaching as a Profession II

Teaching as a Profession Practicum (WBL)

### **Government & Public Administration**

#### **Leadership in Government**

JROTC I

JROTC II

JROTC III

JROTC IV

### **Health Science**

#### **Nursing Services**

Health Science Education

Anatomy & Physiology

Medical Therapeutics (NEState Dual Credit CPR Test)

Nursing Education (CNA--Cert. Nursing Asst.) and

Clinical Internship (students enroll in both)

Ind. Cert.: OSHA10 Healthcare; CNA--Cert.

Nursing Asst

#### **Therapeutic Services**

Health Science Education

Anatomy & Physiology

Medical Therapeutics (NEState Dual Credit CPR)  
Pharmacological Science (NEState Dual Credit CPR)  
and Clinical Internship (students enroll in both)  
Ind. Cert.: OSHA10 Healthcare, Cert. Pharm. Tech.

### Sport and Human Performance

Health Science Education  
Anatomy & Physiology  
Rehabilitation Careers (NEState Dual Credit CPR  
Test)  
Ind. Cert.: OSHA10 Healthcare

### Hospitality & Tourism

#### Culinary Arts:

Culinary Arts 1  
Culinary Arts 2  
Culinary Arts 3  
Culinary Arts 4  
Culinary Arts Practicum (Work Based Learning)  
Ind. Cert.: OSHA10, ServeSafe Food Manager

### Human Services

#### Cosmetology:

Cosmetology 1  
Dual Enroll. TCAT Cosmetology 1/2 (120 hours)  
Dual Enroll. TCAT Cosmetology 3/4 (120 hours)  
Dual Enroll. TCAT Cosmetology 5/6 (120 hours)  
Cosmetology Practicum (Work Based Learning)  
Ind. Cert.: OSHA10 Cosmetology

### Information Technology

#### Coding:

Ind. Cert. CLEP Test-Principles of Marketing,  
Hootsuite Social Media Cert.

### STEM

#### Engineering:

Principles of Engineering & Technology  
Engineering Design I  
Engineering Design II  
Engineering Practicum (Work Based Learning)  
Ind. Cert.: Dremel 3D Printing

Computer Science Foundations  
Coding I  
AP Computer Science Principles  
Coding Practicum (Work Based Learning)

#### Cybersecurity:

Computer Science Foundations  
Cybersecurity I  
Cybersecurity II  
AP Computer Science Principles  
Cybersecurity Practicum (Work Based Learning)

#### Web Design:

Computer Science Foundations  
Web Design Foundations (Fine Art Graduation Req.)  
AP Computer Science Principles  
Ind. Cert.: Comp. TIA Foundations

### Law, Corrections, & Security

#### Criminal Justice & Correction Services:

Criminal Justice I  
Criminal Justice II  
Dual Enroll. Intro. to Criminal Justice (CRMJ 1010)  
and Intro. to Legal Process (CRMJ 1020)  
Criminal Justice Practicum (Work Based Learning)  
Ind. Cert.: OSHA10 for Public Safety

### Marketing, Distribution & Logistics:

#### Marketing Management:

Intro to Marketing and Entrepreneurship  
Marketing and Entrepreneurship (CLEP)  
Social Media Marketing and Analytics  
Marketing Practicum (Work Based Learning)

## **Transportation, Distribution, & Logistics**

### **Automotive Maintenance & Light Repair:**

(all classes at Friendship Career Center)

Maintenance & Light Repair 1

Dual Enroll. TCAT Automotive 1/2 (120 hours)

Dual Enroll. TCAT Automotive 3/4 (120 hours)

Dual Enroll. TCAT Automotive 5/6 (120 hours)

Automotive Practicum (Work Based Learning)

Ind. Cert.: NC3 Multimeter, NC3 Hand Tool

### **Automotive Collision Repair:**

Dual Enroll:NEState Paint & Refinishing 3 hrs (at THS)

Dual Enroll: NEState Special Topics Auto Service 1 hr (at THS)

Dual Enroll: NEState Non-Structural Repair 4 hr (at THS)

***\*Work-Based Learning Practicum can be taken up to 3 times per year.***

***\*\*The WorkKeys Test is taken by seniors in the Spring. Students can earn the National Career Readiness Certificate (NCRC) with a qualifying score which will qualify students for Dual Credit (Technology Foundations) at TCAT Elizabethton and Dual Credit at Northeast State.***

## SCHEDULE CHANGE GUIDELINES

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Students wishing to request course changes must complete the schedule request form available online at <http://ths.btcs.org/counseling>. **Course requests will be accepted through the first two full days of school each semester.** Students enrolled in dual enrollment classes may only change their schedule at the beginning of the term withing the first two days of class. Students may not withdraw from a mid- or late-term course. Requests for teacher preferences are not honored at any time.

During the first two days of school and upon the completion of new student enrollment, counselors will consider requests that meet one of the following guidelines:

- A class on the schedule was taken and passed in summer school.
- A class was failed in the second term of the previous year or in summer school that is a prerequisite for a course appearing on the schedule.
- No English or math course appears on the schedule.
- A senior is not registered for a required course for graduation.
- Fewer than eight classes appear on the schedule.
- Courses are not sequenced in prerequisite order on the schedule.
- Student wishes to try a more challenging course in English, math, science, or social studies.

The following are **not** acceptable reasons for requesting a course change:

- Teacher preference.
- Fear of a low grade or course difficulty. (Keep this in mind when registering for Honors and/or AP courses).
- Course is not required for graduation.
- Student did not complete the summer reading requirement.

## ENGLISH

**Summer Reading** will be required of all English classes. In grades 9-12, students will choose **one** novel from the list to read over the summer and complete **one** of the three assignment options.

### English Course Sequencing

<b>Rising Freshman Requirements</b>	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
All students not recommended for Honors.	<b>English I</b>	<b>English II</b>	<b>English III</b>	<b>English IV</b>
<i>Students earning a score at or above the 65<sup>th</sup> national percentile on the STAR Reading exam, score within the "On Track or Mastered" range on the 7<sup>th</sup> grade TNReady exam, have an A or B average, and receive a 4 on work ethic by 8<sup>th</sup> grade English teacher.</i>	<b>Honors English I</b>	<b>Honors English II</b>	<b>AP Language or Dual Enrollment</b>	<b>AP Literature or Dual Enrollment</b>

#### **G01H0920 English I**

This freshman-level introductory course focuses on close reading of a variety of literary texts and genres, including fiction and nonfiction, as well as developing skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's final exam grade and 20% of the overall course grade) will also be imperative.

#### **G01H0910 English I (Honors)**

*Prerequisite: Students must earn a score at or above the 65<sup>th</sup> national percentile on the STAR Reading exam, score within the "On Track or Mastered" range on the 7<sup>th</sup> grade TNReady exam, have an A or B average, and receive a 4 on work ethic by 8<sup>th</sup> grade English teacher.*

This freshman-level introductory course focuses on close reading of a variety of literary texts and genres, including fiction and nonfiction, as well as developing sophisticated skills in grammar and writing. The course will emphasize multiple formal writing styles, including narrative, argument, and informational essay development, while utilizing research skills in the writing process. Preparation for the state-mandated assessment (which counts as the student's exam grade and 20% of the overall course grade) will also be imperative.

## **ENGLISH ELECTIVES**

### **G01H7420 Mythology/Etymology**

This English elective course introduces word roots and derivatives from both Greek and Latin. It also fully covers the classic book, Edith Hamilton's *Mythology*, which introduces Greek heroes, gods, goddesses, the Trojan War, and *The Odyssey*.

### **G01H0020 Creative Writing I**

Open to all students who are interested in writing, this class is a survey of writing skills and elements including, but not limited to, short stories and poetry. The primary focus is the introduction of various forms and methods of writing. This class is writing intensive.

## **FINE ARTS**

**NOTE: Students are limited to earning a total of one credit per semester in Instrumental Music (with the exception of Drum Majors).**

### **G05H0820 Art I**

This is a survey course in art that covers the basics of drawing, painting, design, clay work, and photography, while meeting the fine arts requirement for college bound students.

### **G05H8420 Marching Band**

*Prerequisite: Teacher approval.*

Students enrolled in this course will participate in marching band in the fall.

### **G05H3620 Instrumental Music: Brass Woodwinds**

*Prerequisite: Teacher approval.*

Students enrolled in this course will participate in concert band in the spring.

### **G05H3820 Instrumental Music: Color Guard**

*Prerequisite: Teacher approval*

This course is for students participating in the color guard during the fall semester.

### **G05H3720 Instrumental Music: Percussion**

*Prerequisite: Teacher approval*

This course is for the percussion section in the fall and spring.

### **G05H4020 Concert Choir**

Students will sing music in preparation for fall, winter and spring concerts as well as off-campus performances and spring competitions. Students will learn to read musical notation and develop healthy vocal technique. Performance participation is mandatory and all students must procure concert attire.

### **G05H1121 Music Appreciation**

Music Appreciation course provides students with an overview of music from early history through modern times, music industry and current topics in music and its effect on societies around the world. Instruction may include music theory, music history, and other studies in music.

### **G05H4420 Music Theory**

*Prerequisites: Prior basic musical knowledge*

The purpose of this class is to give students the skills they need to advance in both instrumental and vocal music as a possible career, major, or minor in college. Students will learn the structure and composition of music, including advanced harmonies, melodies, rhythms, and modes. A brief section on music history will be covered. Music technology and composition programs will be utilized.

### **G05H1620 Theatre Arts I**

Theater Arts I is offered to students who are new to high school theatre and want to learn basic theatrical skills. This course has an emphasis on acting and theatre history. Theater Arts I students will study the cultural contribution of theater, its structure, the play, and its performance. Acting skills will be taught through the use of monologue and small group scenes. Performance opportunities will be available through the Forensics Program or the Tennessee Speech and Drama League, but are not mandatory. Competitions are held on Saturdays, and rehearsals will be set up for after school hours.

### **G05H1720 Theatre Arts II**

*Prerequisite: Must pass Theater Arts I or have experience with participating in live theatre in some fashion.*

Theater Arts II is offered to students who want to further their theatrical skills through work in acting and directing. Basic principles of production are studied and applied through performances in various theatrical applications. Production work required. Enrollment in the course **requires** performance dates and times outside of school hours including weekends. Participation in competition pieces will be available through the Forensics Program or the Tennessee Speech and Drama League, but are not mandatory. Competitions are held on Saturdays, and rehearsals will be set up for after school hours.

## **WORLD LANGUAGE**

All students interested at THS must take 2 years of the same world language. Those who expect to pass the placement exam in college should take the third and fourth years of that same language.

### **G24H2120 French I**

This course offers an introduction to the French language including speaking, grammar, writing, and phonetics. Students are exposed to Francophone culture. Memorization with long-term retention is essential.

### **G24H2220 French II**

*Prerequisites: French I*

Students use the skills acquired from French I to develop conversational and comprehension skills at an elementary level in the French language.

Intermediate grammar is introduced. Students continue to be introduced to Francophone culture.

### **G24H2920 German I**

This class is introductory level German. Students practice listening, reading, writing and speaking German. Students are introduced to German culture.

Emphasis is placed on spoken German.

### **G24H3020 German II**

*Prerequisites: German I.*

Level II incorporates all phases of language learning from Level I with a continued emphasis on spoken German.

### **G24H0420 Spanish I**

This course offers an introduction to the Spanish language, grammar, and culture.

Memorization with long-term retention is essential. Freshmen benefit from strong English skills.

### **G24H0520 Spanish II**

*Prerequisites: Spanish I.*

Continuation of Spanish I skills and basic grammar. NOTE: Students who passed Level I with a "D" may not retain enough grammar and vocabulary to be successful in Spanish II

## Math Course Sequencing

<b>Rising Freshman Requirements</b>	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
All students enrolled in regular 8 <sup>th</sup> Grade Math or scoring below 93% average in 8 <sup>th</sup> Grade Advanced Math. (*After test results: below 90% on the Math Placement test given at the end of 8 <sup>th</sup> grade year)	<b>Algebra Part 1 and Algebra 1 Part 2</b>	<b>Geometry</b>	<b>Algebra 2 Part 1 and Algebra 2 Part 2 or Algebra 2</b>	<b>Mathematical Reasoning or SDC Statistics</b>
Guidelines prior to testing: 93% or above average in 8 <sup>th</sup> grade math. Students should have a satisfactory attendance record and a score of 4 on work ethic by 8 <sup>th</sup> grade math teacher. (*after test results: 90% or above on the Math placement test	<b>Algebra 1 Honors Part 1 and Algebra 1 Honors Part 2</b>	<b>Geometry Honors and Algebra 2 Honors</b>	<b>Pre-Calculus Honors</b>	<b>AP Calculus</b>
Students earning credit in Algebra 1 and scoring at "On Track or Mastered" on Math 1 EOC.	<b>Geometry Honors</b>	<b>Algebra 2 Honors</b>	<b>Pre-Calculus Honors</b>	<b>AP Calculus</b>

**G02H1110 Geometry Honors**

*Prerequisite: Successful completion of Honors Algebra I with an 85 or higher or teacher recommendation.*

Broad and intensive development of the tools of geometry, methods of reasoning, construction, the coordinate plane, types of measurement, properties and applications of lines, triangles, quadrilaterals, similarity, right triangle trigonometry, circles, and transformations.

**G02H0110 Honors Algebra 1 Part 1**

*Prerequisite: A or B in Honors 8<sup>th</sup> Grade Math*

Algebra I emphasizes linear and quadratic expressions, equations, and functions. This course also introduces students to polynomial and exponential functions with domains in the integers. Students explore the structures of and interpret functions and other mathematical models. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. Projects will be required.

**G02H0210 Honors Algebra I Part 2**

*Prerequisite: Honors Algebra 1 Part 1.*

This course is part 2 of the Honors Algebra 1 course described above (Students will receive a math credit after successfully completing Honors Algebra 1 Part 2).

**G02H0121 Algebra 1 Part 1**

*Prerequisite: Students enrolled in regular 8<sup>th</sup> grade math or scoring below 93% in 8<sup>th</sup> grade Advanced Math. After test results: below 90% on Math placement test given at the end of 8<sup>th</sup> grade.*

This course is part 1 of the Algebra 1 course. Algebra I emphasizes linear and quadratic expressions, equations, and functions. This course also introduces students to polynomial and exponential functions with domains in the integers. Students explore the structures of and interpret functions and other mathematical models. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. (Students will receive an elective credit for this course).

**G02H0221 Algebra I Part 2**

*Prerequisite: Algebra 1 Part 1.*

This course is part 2 of the Algebra 1 course described above (Students will receive a math credit after successfully completing Algebra 1 Part 2).

## **PHYSICAL EDUCATION**

### **G08H0220 Wellness**

A combination of the health, family life, and physical education curriculums. The course also contains a segment of the required classroom hours that apply to Driver Education.

### **G08H0162 Advanced PE for Males (Fall)**

*Prerequisite: Previous weightlifting experience. It is recommended that athletes enroll during the semester in which their sport is in season.*

Weight training that also utilizes plyometric and agility training. This course will be offered in the fall semester.

### **G08H0163 Advanced PE for Females (Fall)**

*Prerequisite: Previous weightlifting experience. It is recommended that athletes enroll during the semester in which their sport is in season.*

Weight training that also utilizes plyometric and agility training. This course will be offered in the fall semester.

PE.

### **G08H0164 Advanced PE for Males (Spring)**

*Prerequisite: Previous weightlifting experience. It is recommended that athletes enroll during the semester in which their sport is in season.*

Weight training that also utilizes plyometric and agility training. This course will be offered in the spring semester.

### **G08H0165 Advanced PE for Females (Spring)**

*Prerequisite: Previous weightlifting experience. It is recommended that athletes enroll during the semester in which their sport is in season.*

Weight training that also utilizes plyometric and agility training. This course will be offered in the spring semester.

### **G08H0022 Intro to Strength and Conditioning**

Weight agility training for male and female students.

## SCIENCE

### Science Course Sequencing

<b>Rising Freshman Requirements</b>	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
"A" in 8 <sup>th</sup> grade science, score of 4 on work ethic by 8 <sup>th</sup> grade Science teacher, and scoring at or above the 65 <sup>th</sup> national percentile on STAR Reading.	<b>Honors Biology</b>	<b>Honors Chemistry</b>	<b>AP Chemistry or AP Biology or AP Physics</b>	<b>AP Chemistry or AP Biology or AP Physics</b>
Below 93% in 8 <sup>th</sup> grade Science class.	<b>Environmental Science</b>	<b>Biology</b>	<b>Chemistry or Physics</b>	

#### **G03H0310 Biology (Honors)**

*Prerequisite: "A" in 8<sup>th</sup> grade science, score of 4 on work ethic by 8<sup>th</sup> grade Science teacher, and scoring at or above the 65<sup>th</sup> national percentile on STAR Reading.*

This course is the study of life at the biochemical, cellular, and organism levels. It emphasizes interrelationships among living organisms and the environment. This course concludes with a state-mandated EOC exam.

#### **G03H3320 Environmental Science**

*Prerequisite: Below 93% in 8<sup>th</sup> grade science.*

Environmental Science is the study of the relationships of plants and animals to the physical and biotic environments with emphasis on associations, successions, distributions, and adaptations. This may be called "applied biology."

## SOCIAL STUDIES

### Social Studies Course Sequencing

<b>Rising Freshman Requirements</b>	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
	<b>World History w/ Geography</b>		<b>U.S. History w/ Geography</b>	<b>Government/ Economics</b>
	<b>World History w/ Geography</b>	<b>Psychology or Contemporary Issues</b>	<b>U.S. History w/ Geography</b>	<b>Government/ Economics</b>
93 or higher grade for the year in 8 <sup>th</sup> grade social studies, score of 4 on work ethic by 8 <sup>th</sup> grade Social Studies teacher, STAR Reading score at or above the 65 <sup>th</sup> national percentile	<b>AP Human Geography</b>	<b>Psychology or AP Psychology</b>	<b>AP U.S. History</b>	<b>Honors Government/ Economics</b>

#### **G04H1020 World History and Geography**

This course covers a study of world history from the French Revolution to the Contemporary World and subsequent human geographic issues that dominate the global community.

#### **G04H3000 AP Human Geography**

*Prerequisite: 93 or higher grade for the year in 8<sup>th</sup> grade social studies, score of 4 on work ethic by 8<sup>th</sup> grade Social Studies teacher, STAR Reading score at or above the 65<sup>th</sup> national percentile.*

This is an intensive, fast-paced study of the world with an emphasis on its cultural characteristics and coverage of its physical characteristics. Topics covered in this class include population, cultural patterns, political organization of space, agricultural and rural land use, industrialization, economic development and urbanization. This is a reading and writing intensive class. Expected reading for the course is 40-60 pages per week at home with at least 1-2 at home study hours per day. A major goal is preparation for the AP Human Geography exam that can equate to college credit for the course. Completion of the AP exam is required to receive AP credit for the course. Students who do not take the AP exam will receive Honors credit for the course.

## **SOCIAL STUDIES ELECTIVES**

### **G04H2320 African American History**

Students will examine the life and contributions of African Americans from the early 1600's through modern America. Students will explore the influence of geography on slavery and the growth of slavery on the American continent. Students will consider urban and rural African American communities and institutions in the North and South leading up to and during the Civil War. Students will investigate the rise and effects of Jim Crow and trace the impact of African American migration through the early twentieth century. Students will explore the impact of the Harlem Renaissance and the conditions and contributions of African Americans during the Great Depression and World War II. Students will examine the successes and failures of the Civil Rights Movement and consider the contemporary issues confronting African Americans.

### **G04H1720 Contemporary Issues/ Sociology**

This course is a study of human interactions and issues facing modern society.

## **CAREER AND TECHNICAL EDUCATION**

### **ADVANCED MANUFACTURING**

#### **Machining Technology**

##### **C13H0520 Principles of Manufacturing**

This course provides students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster. Throughout this course, students will learn to use a variety of hand tools, power tools, computer assisted and manually operated machines, and welders to complete assignments and projects. Students will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting.

*Industry Certification opportunity:*

*Precision Measurement Instruments (PMI) which earns a student Dual Credit at TN College of Applied Technology (TCAT) Elizabethton = 90 hrs*  
*Hand Tool Identification*

## Welding

### **C13H0520 Principles of Manufacturing** (Description above)

### **C13H1220 Welding I**

*Prerequisite: Principles of Manufacturing*

Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Proficient students will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control.

*Industry Certification opportunities:*

- Occupational Safety and Health Administration (*OSHA 10*) *Manufacturing*
- *OSHA30 Construction*

## AGRICULTURE, FOOD, AND NATURAL RESOURCES

### Veterinary and Animal Science

#### Veterinary and Animal Science

### **C18H1920 Agriscience** (Counts as Science Graduation Requirement)

Agriscience is an introductory lab science course that prepares students for biology and subsequent agriculture courses. This course helps students understand the important role of agriculture and technology in the 21st century. Students taking this course will gain an understanding of various areas important to the field of agriculture such as environmental systems, animal, plant, and soil science through a hands-on approach. This course leads to the Fisheries & Wildlife Science (Applied Env. Science) and Animal Science CTE courses and is the first course in that Program of Study.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (*OSHA 10*) *Health Science*

### **C18H2020 Small Animal Science**

*Prerequisite: Agriscience*

Small Animal Science is an intermediate course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. This course will focus on animal husbandry, animal handling, and grooming.

*Industry Certification opportunity:*

- ELANCO Animal Science
- Ducks Unlimited; Ecology Conservation & Management

## **ARCHITECTURE AND CONSTRUCTION**

### **C17H1520 Fundamentals of Construction**

This is a foundational course covering essential knowledge, skills, and concepts required for careers in construction. Students will learn how to use hand and power tools safely and effectively in construction, interpret construction drawings to complete projects, and demonstrate proper measurement and application of mathematical concepts. Includes an introduction to building systems and materials, an overview of the construction industry, exploring various construction fields, and an outline the steps necessary to advance in specific construction careers.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (OSHA 10) General Industry
- National Center for Construction Education and Research (NCCER) Core Curriculum (Provides 225 hours at TCAT Elizabethton in Building Construction Technology)

### **Dual Enrollment Construction Technology Opportunities:**

**At TCAT Kingsport: Students can earn 120 hours per semester (and 225 hours for NCCER Core Industry Certification) towards their TCAT Diploma in Building Construction Technology (Total Clock Hours: 2160). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.**

### **C17H01 & C17H31 TCAT Dual Enrollment Construction 1 & 2**

*Prerequisite: Fundamentals of Construction*

Successful completion of this course earns 120 hours in the Construction Technology program at TCAT Kingsport. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Construction industry. Intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Throughout this course, students will explore the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will complete projects in concrete and masonry, wood framing construction, and even install proper electrical wiring while safely employing tools and interpreting construction drawings to complete projects.

*Industry Certification opportunity:*

## **ARTS, AUDIO/VISUAL TECHNOLOGY, AND COMMUNICATION**

### **Digital Arts & Design**

#### **C11H0620 Digital Arts and Design I**

Digital Arts & Design I is the entry level and foundational course for students interested in graphic art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Students will acquire basic skills in illustration, typography, and photography. Various printing and finishing processes are discussed and used in real-world applications.

Students will produce real-world jobs for the school system using equipment found in the professional printing industry. Graphic Design is taught using Adobe Creative Cloud; specifically Photoshop, InDesign and Illustrator. Students will create layouts for use in real world applications, along with personal projects.

### **C11H0520 Digital Arts and Design II**

*Prerequisite: Digital Arts and Design I*

Throughout this course, students will learn advanced skills in printing and finishing design projects. Students will take a more active role in setup, planning, and final production in a workplace setting through our student-based enterprise. Students will also learn advanced skills in Adobe Creative Cloud by creating more in depth and complicated designs, including creating photographs, illustrations, and multipage layouts.

## **EDUCATION AND TRAINING**

### **Teaching as a Profession (K-12)**

#### **C32H3321 Introduction to Teaching as a Profession**

Fundamentals of Education is a foundational course in the Teaching as a Profession program of study for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. Upon completion of this course, proficient students will gain knowledge in the history of education in the United States, careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

#### **C32H0121 Teaching as a Profession I**

*Prerequisite: Intro to Teaching as a Profession*

Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study. Upon completion of this course, proficient students will have a fundamental understanding of instructional strategies needed for becoming an educator.

## **GOVERNMENT AND PUBLIC ADMINISTRATION**

### **Leadership in Government / JROTC**

*The mission of Army Junior ROTC is “To Motivate Young People to be Better Citizens.” This mission focus, coupled with a fun and unique learning environment, offers students a wide variety of opportunities to succeed and to excel. A vast majority of students elect to re-enroll in JROTC each semester. Army Junior ROTC is not intended to recruit for the armed forces. Enrolled cadets are*

required to wear the Army-provided uniform one day a week. Male cadets must maintain their hair in accordance with the minimum mandated requirements. Junior ROTC extracurricular activities are conducted after school and include such competitive teams as Drill, Color Guard, Rifle Marksmanship, Robotics, and Orienteering.

### **G08H0420 Leadership Education Training 1 (LET 1)- ROTC I**

Student cadets will learn and demonstrate the leadership skills needed to lead other cadets in drill, physical training, squad and platoon competition, conflict resolution, teamwork, dealing with peer pressure, and interpersonal relationships. Students will be introduced to the Army's organization and structure, customs and courtesies, and missions. Students will apply leadership techniques based upon each cadet's own personal traits and leadership style. Numerous optional cadet extracurricular activities are available.

### **G08H0520 Leadership Education Training 2 (LET 2)- ROTC 2**

*Prerequisite: ROTC 1*

Student cadets will continue to apply their leadership skills as they advance in both rank and experience. Students will learn about first aid, map reading, drug awareness, decision-making skills, American history and government, human rights, and international relations. Numerous optional cadet extracurricular activities are avail

## **HEALTH SCIENCE**

### **Nursing Services**

#### **C14H1420 Health Science Education**

Health Science Education is the initial foundational course for all of the Health Science programs of study and designed to prepare students to pursue careers in Health Care. Upon completion of this course, students will be able to identify careers in health care related fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills.

#### **C14H0920 Anatomy and Physiology**

*Prerequisite: Health Science Education*

Anatomy and Physiology is the second foundational course for all of the Health Science programs of study and is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Throughout this course, students will apply the gross anatomy to a deeper understanding of all body systems, identify the organs and structures of the support and movement systems, relate the structure and function of the communication, control, and integration system, and ultimately demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (OSHA 10) Health Science

## Sport and Human Performance

**C14H1420 Health Science Education** (Description above)

**C14H0920 Anatomy and Physiology** (Description above)

## Therapeutic Services

**C14H1420 Health Science Education** (Description above)

**C14H0920 Anatomy and Physiology** (Description above)

## HOSPITALITY AND TOURISM

### Culinary Arts

#### **C16H0620 Culinary Arts I**

This course equips students with the foundational knowledge and skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Throughout this course, students will gain knowledge in the components of commercial kitchen safety and sanitation, proper kitchen tools and equipment and will develop skills in basic cooking principles to prepare a wide variety of foods. Students will develop skills commercial food production and service operations by using commercial equipment, techniques, and standards in a restaurant setting.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (*OSHA 10 Culinary*)

#### **C16H0720 Culinary Arts II**

*Prerequisite: Culinary Arts I*

Culinary Arts II is the second course in the Culinary Arts program of study and is an applied-knowledge course that will introduce students to more complex techniques in cooking. Students will develop skills in event preparation, food presentation, table service, basic management skills such as purchasing and inventory, and menu design, layout, pricing, and cost controls. Students will gain experience in commercial food production and service operations as they will be largely responsible for preparing buffets (to feed as many as 150 people) for the faculty, staff, and various community groups.

*Industry Certification opportunity:*

- ServeSafe Food Manager

## **HUMAN SERVICES**

### **Cosmetology**

#### **C19H1221 Cosmetology I**

During this course, students will learn safety procedures in salon environments, fundamental theory and practical applications of hair design, nail structure, and cosmetic procedures. This foundational course emphasizes careers in the cosmetology field, environmental issues related to the cosmetology industry, and protection of the public and designers.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (OSHA 10) Cosmetology

#### **Dual Enrollment Cosmetology Opportunities:**

**At TCAT Elizabethton: Students can earn 120 hours per semester towards their TCAT Diploma in Cosmetology (Total Clock Hours: 1,500). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.**

The Cosmetology program is taught by THS teacher with Tennessee College of Applied Technology hours earned towards the 1500 hour Cosmetologist Certificate. This program is designed to help the student master all the skills necessary for passing the State Board Examination, selecting the phase or phases of Cosmetology in which to specialize, and entering employment. The program also provides for the upgrading and updating of employed workers. Classroom instruction and practical learning experiences are interwoven into a variety of beauty treatments, including the care and beautification of the hair, complexion, and hands. The course of study includes hands-on and classroom instruction in giving shampoos, rinses, scalp treatments, hair styling, setting, cutting, tinting, decolorizing, chemical texturing services, special effects haircoloring, facials, manicures, hand and arm massages, bacteriology, anatomy, hygiene, sanitation, and salon management. Safety and customer relations are also emphasized throughout the program.

*Tennessee College of Applied Technology (TCAT) Elizabethton: Students can earn hours 1500 hrs) to complete the requirements needed to be eligible to take the Tennessee State Board of Cosmetology examination for a Tennessee Cosmetology License.*

#### **C19H0460 & C19H2360 TCAT Dual Enrollment Cosmetology 1 & 2**

*Prerequisite: Cosmetology 1*

Successful completion of this course earns 120 hours in the Cosmetology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Cosmetology industry.

## **INFOMATION TECHNOLOGY**

### **Coding**

#### **C10H1120 Computer Science Foundations**

Computer Science Foundations is the introductory course for all Computer Science programs of study. This course is intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Cyber Security

and Web Design. Course contents include: computer operating systems, computer hardware, a basic computer build, computer troubleshooting, computer programming, drone programming, video game development, network security, and working at the THS Student Helpdesk.

### **C10H1420 Coding I and Game Design**

*Prerequisite: Algebra 1, Computer Science Foundations*

This is a beginning programming course. Students in this course learn the Python programming language and utilize it to develop several projects including animation and a ringtone. In this course, you will learn problem-solving strategies, and software design through hands on programming lessons.

## **Cybersecurity**

**C10H1121 Computer Science Foundations** (Description above)

### **C10H1921 Cybersecurity I**

*Prerequisite: Computer Science Foundations*

Cybersecurity I introduce cyber law, networking, Linux, and cyber security tools through various activities including hands-on labs in our cyber training range. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity concepts, identify fundamental principles of networking, and network security, and be able to demonstrate how to implement various aspects of security within a computer network.

## **Web Design**

**C10H1121 Computer Science Foundations** (Description above)

### **C10H1621 Web Design Foundations**

*Prerequisite: Computer Science Foundations*

Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development.

## **LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY**

### **Criminal Justice and Correction Services**

**C30H0020 Criminal Justice I**

This course serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Students will gain an understanding of the context of local, state, and federal laws through the analysis of both famous and lesser known legal cases, develop investigative skills pertaining to basic crime scenes and incident documentation such as fingerprinting and blood splatter analysis. This

course emphasizes the importance of communications and professionalism in law enforcement and exposes students to new and emerging technology used in law enforcement and legal fields.

### **C30H0120 Criminal Justice II**

*Prerequisite: Criminal Justice I.*

An applied course focusing on the integration of the law and justice systems and is designed for students interested in pursuing careers in law enforcement, correction, or security services. From initial crisis scenario management to arrest, transport, trial, and corrections, procedures and justice laws are examined in detail and students will develop more basic skills in crime scene analysis and forensic science. This course also provides for students to study and debate current legal issues in the United States and argue points in a simulated trial.

*Industry Certification opportunity:*

- Occupational Safety and Health Administration (OSHA 10) Public Safety

## **Marketing, Distribution & Logistics**

### **Marketing Management**

#### **C12H2621 Introduction to Marketing and Entrepreneurship**

The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, entrepreneurship, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Through guest speakers, projects, and hands-on activities, students learn how to start a business and create their first business plan. If you are thinking about owning your own business or majoring in business, marketing, or finance in college, this is the class for you!

#### **C31H0021 Marketing and Entrepreneurship**

*Prerequisite: Introduction to Marketing and Entrepreneurship*

Marketing and Entrepreneurship focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

*Industry Certification opportunity:*

*CLEP Test: Principles of Marketing*

## Science, Technology, Engineering, and Mathematics (STEM)

### **C21H0420 Principles of Engineering and Technology**

This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others.

### **C21H0520 Engineering Design I**

*Prerequisite: Principles of Engineering and Technology*

This course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Tennessee. They will also be able to identify simple and complex machines; calculate various ratios related to mechanisms; explain fundamental concepts related to energy; understand Ohm's Law; follow the steps in the engineering design process to complete a team project; and effectively communicate design solutions to others. Students are expected to use engineering notebooks to document procedures, design ideas, and other notes for all projects throughout the course.

## TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

### **C20H0920 Maintenance and Light Repair I (MLR I)**

This course serves as a foundation of safety skills and knowledge on becoming a professional service technician. Students explore career opportunities and requirements of a professional service technician and emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

### **Dual Enrollment Automotive Service Technology Opportunities:**

**At TCAT Elizabethton: Students can earn 90 hours per semester towards their TCAT Diploma in Automotive Service Technology (Total Clock Hours: 1296). Students who excel in the program will be able to skip the waiting list for this program at TCAT after graduation from Tennessee High School.**

### **C13H0361 & C13H1862 TCAT Dual Enrollment Automotive. 1 & 2**

*Prerequisite: Maintenance and Light Repair I (MLR I)*

Successful completion of this course earns 90 hours in the Automotive Service Technology program at TCAT Elizabethton. TCAT Program Outcomes: Students will attain the needed knowledge of skills and theory to obtain entry level job performance in the Automotive Service Technology industry.



## FRESHMAN ACTION PLAN

### **Get Involved!**

- Join clubs
- Participate in school sponsored events
- Be active in grade level competitions (ex. food drives, hall decorations, etc.)

### **Serve others**

- Volunteer at an organization to explore your career interests
- THS recommends and recognizes students who complete 10 hours of community service each semester.
- Begin to build a mentor network
  - These are people that may be helpful in your job or career search

### **Develop a resume**

- Keep a list of your academic, athletic, and community service experiences
- Make sure to document the dates and hours of community service

### **Be mindful of your grades**

- Students should try to maintain a 3.0 GPA or better to stay eligible for the Tennessee Education Lottery Scholarship

### **Make sure that you are taking the classes required for graduation**

### **Take a practice ACT test. ACT tutoring is available through LEAPS.**

### **Choose classes that allow you to explore your interests and Program of Study**

### **Get to know your counselor!**

- If you are having trouble with a class, see your counselor.

## Volunteer Service Form

**Each Activity must have a signature to verify your participation. Please total your hours at the bottom of this page.**

**TN Scholars** – 80 hours in addition to other requirements. Documentation due to Counseling Office by **January** of senior year.

**TN Promise** – Students can begin 8 hours of service after TN Promise deadline. Documentation must be uploaded to <https://tnachieves.org> by **July 1<sup>st</sup>**. If going to TCAT service hours are due by **April 1<sup>st</sup> of senior year**.

**Capstone Requirements** – See course catalog. Requirements vary by course enrollment.

**Graduation Recognition** – Students must complete **10** hours of service per semester. Documentation is due to the Counseling Office by **March** of your senior year.

### Semester 1

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		<b>Total hours</b>	

### Semester 2

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		<b>Total hours</b>	

### Semester 3

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		<b>Total hours</b>	

### Semester 4

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		<b>Total hours</b>	

Semester 5

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 6

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 7

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

Semester 8

Name of Activity	Date of Activity	Number of Hours	Signature and phone or email of person to verify service hours.
		Total hours	

\_\_\_\_\_TOTAL HOURS

# Tennessee High School

## Course Selection Sheet

### Rising Freshman

Before you meet with your THS school counselor you will want to review the Freshman Course Catalog. We recommend that you read over the page of the catalog which details your graduation requirements. Please read over the course descriptions so you can select courses of interest to you. The counselors will have recommendations from your teachers for English, math, science, and social studies. Follow the instructions below.

1. Review the courses listed in the Freshman Course Catalog book
2. Select 8 courses and 2 alternates that you would like for next year
3. Bring the completed request sheet to your registration appointment

ENGLISH	Select 1
English 1	
Honors English 1	

MATH	Select 1
Algebra I Part I (Fall)	
Algebra I Part 2 (Spring)	
Geometry Honors	

SCIENCE	Select 1
Honors Biology	
Environmental Science	

SOCIAL STUDIES	Select 1
World History and Geography	
AP Human Geography	

PHYSICAL EDUCATION	Select 1
Wellness	
ROTC1 (Fall)	
ROTC2 (Spring)	

FINE ARTS/ELECTIVES

ALTERNATES	List 2